

WHAT IS CLAIMED IS:

1. A resin molded product by melt molding of a polyphenylene sulfide resin composition, said polyphenylene sulfide resin composition comprising:

5 (a) 60 % by weight to 95 % by weight of a polyphenylene sulfide resin, and

(b) 5 % by weight to 40 % by weight of an olefin resin; said (a) polyphenylene sulfide resin comprising:

10 (a-1) a polyphenylene sulfide resin having a melt flow rate (315.5°C, 5000g load) of 90 g/10 min to 350 g/10 min measured according to ASTM-D1238, and an amount of extracts by chloroform of 2.2 % by weight to 4.5 % by weight;

said (b) olefin resin comprising:

15 (b-1) an olefin copolymer prepared by introducing an epoxy group-containing monomer component into an olefin (co)polymer, and

(b-2) an ethylene- α -olefin copolymer prepared by copolymerizing 15 % by weight to 35 % by weight of ethylene and 65 % by weight to 85 % by weight of α -olefin containing 20 3 to 16 carbon atoms; and

said polyphenylene sulfide resin composition has a melt flow rate (315.5°C, 5000g load) of 15 g/10 min to 50 g/10 min measured according to ASTM-D1238.

25 2. A resin molded product according to claim 1, wherein

said (a-1) polyphenylene sulfide resin is prepared by a flushing method.

3. A resin molded product according to claim 2, wherein
5 said (a-1) polyphenylene sulfide resin is not crosslinked by thermal oxidation.

4. A resin molded product according to claim 1, wherein
said (a) polyphenylene sulfide resin comprises:
10 (a-1) 100 parts by weight of a polyphenylene sulfide resin,
and

(a-2) 5 parts by weight to 80 parts by weight of a polyphenylene sulfide resin having a melt flow rate (315.5°C, 5000g load) of 50 g/10 min to 800 g/10 min measured according
15 to ASTM-D1238 and an amount of extracts by chloroform of not higher than 1 % by weight and being not crosslinked by thermal oxidation.

5. A resin molded product according to claim 1, wherein
20 said (b) olefin resin has a melt flow rate (190°C, 2160g load) of 0.01 g/10 min to 60 g/10 min measured according to ASTM-D1238.

6. A resin molded product according to claim 1, wherein
said polyphenylene sulfide resin composition comprises:
25 (a) 70 % by weight to 85 % by weight of said polyphenylene

sulfide resin, and

(b) 15 % by weight to 30 % by weight of said olefin resin.

7. A fuel tank comprising: a plurality of split molded

5 parts formed by melt-molding of a polyphenylene sulfide resin composition; and a welding portion where said plurality of split molded parts are welded, said polyphenylene sulfide resin composition comprising:

(a) 60 % by weight to 95 % by weight of a polyphenylene sulfide resin, and

(b) 5 % by weight to 40 % by weight of an olefin resin; said (a) polyphenylene sulfide resin comprising:

(a-1) a polyphenylene sulfide resin having a melt flow rate (315.5°C, 5000g load) of 90 g/10 min to 350 g/10 min
15 measured according to ASTM-D1238, and an amount of extracts by chloroform of 2.2 % by weight to 4.5 % by weight; and

said (b) olefin resin comprising:

(b-1) an olefin copolymer prepared by introducing an epoxy group-containing monomer component into an olefin
20 (co)polymer, and

(b-2) an ethylene- α -olefin copolymer prepared by copolymerizing 15 % by weight to 35 % by weight of ethylene and 65 % by weight to 85 % by weight of α -olefin containing 3 to 16 carbon atoms.

8. A fuel tank according to claim 7, wherein said polyphenylene sulfide resin composition has a melt flow rate (315.5°C, 5000g load) of 15 g/10 min to 50 g/10 min measured according to ASTM-D1238.

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9. A fuel tank according to claim 7, wherein said (a-1) polyphenylene sulfide resin is prepared by a flushing method.

10. A fuel tank according to claim 9, wherein said (a-1) polyphenylene sulfide resin is not crosslinked by thermal oxidation.

11. A fuel tank according to claim 7, wherein said (a) polyphenylene sulfide resin comprises:

15 (a-1) 100 parts by weight of a polyphenylene sulfide resin, and

(a-2) 5 parts by weight to 80 parts by weight of a polyphenylene sulfide resin having a melt flow rate (315.5°C, 5000g load) of 50 g/10 min to 800 g/10 min measured according 20 to ASTM-D1238 and an amount of extracts by chloroform of not higher than 1 % by weight and being not crosslinked by thermal oxidation.

12. A fuel tank according to claim 7, wherein said (b) 25 olefin resin has a melt flow rate (190°C, 2160g load) of 0.01

g/10 min to 60 g/10 min measured according to ASTM-D1238.

13. A fuel tank according to claim 7, wherein
said polyphenylene sulfide resin composition comprises:

5 (a) 70 % by weight to 85 % by weight of said polyphenylene
sulfide resin, and
(b) 15 % by weight to 30 % by weight of said olefin resin.